

MONUMENT RECORD

Corner ID: **BeanBI_i23**

Quarter Corner

Sections 32 & 33- T11N-R02W, 2nd P.M.
Bean Blossom Township, Monroe County, Indiana

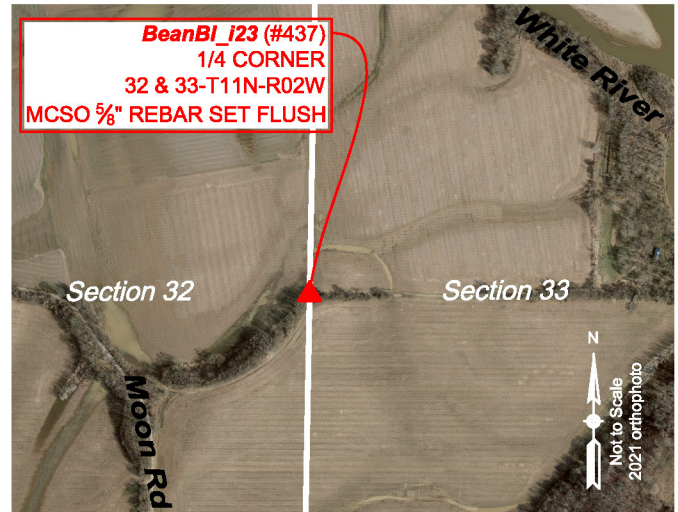
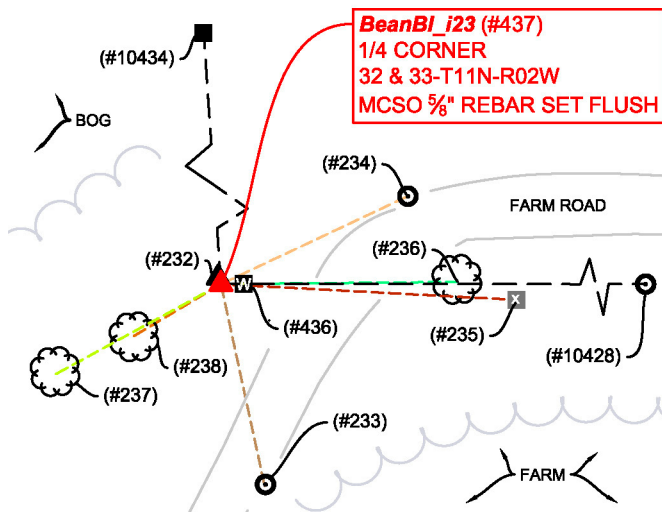
Section 32
T11N-R02W

Section 33
T11N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

(#437) Set 5/8" diameter rebar with (24" long), with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS#20100021, set flush with ground, at the Southeast base of a severely leaning engraved stone pillar. Rebar was set at the location of the stone pillar prior to being leaned over, based on the location of a found reference stone.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station.

ID	Bearing	Distance	Description
(#238)	S59° 15' W	26.3'	17" diameter boxelder
(#237)	S61° 28' W	48.9,	32" diameter silver maple
(#236)	N89° 26' E	61.6'	Center of triple fork 4' diameter (at base) mulberry tree

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting.

(#436)	N89° 58' 14" E	5.94'	N:1493427.3221' E:3075672.3046' 6" by 6" square limestone with the letter W engraved on top found 15" below ground
(#234)	N64° 50' 17" E	53.71'	N: 1493450.1554' E: 3075714.9780' 5/8" rebar with Monroe County Witness Point cap set 0.1' below ground
(#233)	S12° 13' 38" E	53.63'	N:1493374.9089' E: 3075677.7221' 5/8" rebar with Monroe County Witness Point cap set 0.1' below ground
(#10434)	N03° 50' 14" W	729.64'	N:1494155.3242' E:3075617.5344' Cross ground on top of 0.7' north-south by 0.6' east-west limestone found flush with ground at the West base of a 3' diameter concrete pillar found 4' above ground



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(#235)	S86° 57' 53" E	77.03'	N:1493423.2404' E:3075743.2826' Cross ground on top and near Southwest corner of 1' X 3' limestone pillar found lying on ground. The Gray Corner.
(#232)	N23° 41' 22"W	1.85'	N:1493429.0145' E:3075665.6207' Center of Cross on top of leaning Limestone Pillar
(#10428)	N89° 58' 14"E	1472.10'	N:1493428.0732' E:3077138.4605' Base of bent ½" diameter rebar found 0.5' below ground believed to have been set in a survey in RSID005432

PHOTO IDENTIFIED: Photo Date: 04/23/2024



Photo Orientation & Description: From above



Photo Orientation & Description: From South looking North

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1819 By: Thos Brown Deputy Surveyor
Where filed or recorded: Owen County Original Notes, page 6.
Original monument: Post
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hackberry	16"	S66°E	22 Links
Hackberry	20"	N66°W	58 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 05/22/1907 By: CM Bowers Monroe County Surveyor
Where filed or recorded: Legal Survey Book 3, page 27.
Original monument: Stone
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar Maple	30"	N27 1/2°W	10 ½ Links
Stone	N/A	90°E	9 Links

Notes: We found the witness stone

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
6/27/1971	RSID005431	Dorman, Henry J.	15.7 acre Survey	
4/10/1979	RSID005432	Farkas, Edmund O.	72.37 ac Boundary Survey	



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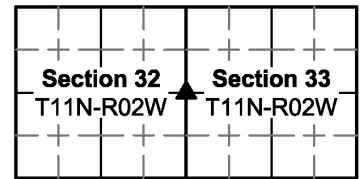
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ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 05/16/1997 *By:* Kevin Enright, Alan McClain *Monument Found:* Stone *BTs or Reference Objects Found:* Yes
Project #: 97-02 *Field Book:* 97-02 (27) *Notes:*

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 1/26/2024, 04/23/2024, 04/25/2024 *By:* MES/JMG *Monument Found:* set rebar beside disturbed stone based on the calculated location of the stone being disturbed, from a found original (undisturbed) witness stone. *BTs or Reference Objects Found:* Yes *Project #:* 24-001 *Field Book:* 55, page 68 *Field Book:* 56 pages, 30&31 *Notes:*

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

Stone is on an earthen levee just off a curve in an east-west farm lane that intersects Moon Road.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

Rebar was set at base of leaning stone where stones top had been (based on a found reference stone) prior to being leaned over. A steel post with Monroe County witness sign facing South, was set 3.4' above ground, on the North side of the stone. 2 rebars were set within sight of the corner that can be used to reestablish it should it ever be obliterated. Crosses were ground on 2 nearby found stones. Trees were also located as a visual aid in finding the rebar. GPS coordinates were also established.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The rebar was set at the Southeast base of a leaning 9" north-south by 8" east-west limestone pillar found with a cross on top of it, 0.5' above ground, at the calculated location of where the top of the stone had been before being leaned over, based on the record dimension from a found reference stone. In looking at the stone pillar, it is evident that it would occupy this location if it were standing vertical in the ground. We dug down around the pillar over 3' and never found its bottom and determined, due to its size and weight we were not going to be able to straighten it up. The found stone appears to either be the stone or at the location of the stone set by C M Bowers, Monroe County Surveyor on 05/22/1907, via legal survey book 3, page 27. Being that the stone is over 100' West of a straight line between the Southeast and Northeast corners of Section 32/Southwest and Northwest corners of Section 33, I have serious reservations that this stone is where the original post was set in 1819 to mark this corner, however upon finding the witness stone, I believe there is negligible uncertainty that the rebar set this survey is where said Monroe County Surveyor C M Bowers established the corner in 1907. I hypothesize that Mr. Bower did not know the location of the Section corner to the North when he established this corner. In said legal survey book 3, page 27, Mr. Bowers notes establishing the center of Section from the South ½ mile corner 156 rods and 18 links "N", then establishing this corner 144 rods and 7 links "W" of said center of Section. Although this wouldn't be the correct procedure set forth by the Bureau of Land Management to reestablish this corner, that is how he did it in 1907 and this is the location that has been historically used and accepted since that time.

GEODETIC COORDINATES: *Northing:* 1493427.3', *Easting:* 3075666.4'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.0041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 32 or 33, Township 11 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office dated June 18, 2024.



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Section 33
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CERTIFICATIONS:



Michael E. Sheppard

Date: 6/18/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021



Trohn Enright-Randolph

Date: 6/18/2024
Trohn Enright-Randolph
Monroe County Surveyor



Donna Baird

Accepted by the Monroe
County Surveyor Review
Board on 6/18/2024



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